

## AC GENERATOR FOR CAR AND MANUFACTURE OF STATOR USED THEREFOR

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Applicant(s):: DENSO CORP

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Priority Number(s):

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EC Classification:

Equivalents:

11000 U.S. Pro  
09/879095



### Abstract

**PROBLEM TO BE SOLVED:** To provide an AC generator for a car, in which excellent insulating properties can be ensured by preventing the displacement of an insulator, and the manufacture of a stator used for the AC generator.

**SOLUTION:** The stator of the AC generator for the car is formed in such a manner that insulators 34 are inserted into the slots 45 of a stator core 32, conductor segments 33 formed in an approximately U shape are put in the opposite direction to the direction of the punching of the stator core 32, and the end sections of the conductor segments 33 inserted into the different slots 35 are joined and connected mutually. Since the conductor segments 33 are put in the opposite direction to the direction (the direction of punching) of the extension of the burrs of each steel plate sheet 36 of the stator core, the displacement of the insulators 34 is prevented.

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### Related Art Reference(s)

1) JP-A-200-92758

A tissue paper is used to insulate a segment coil from a stator.

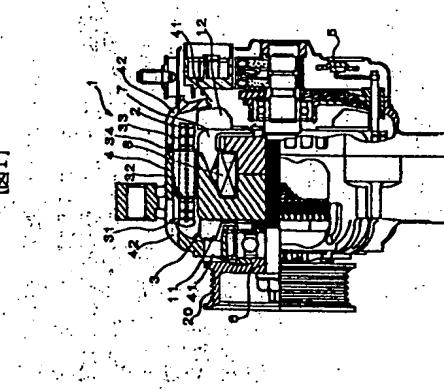




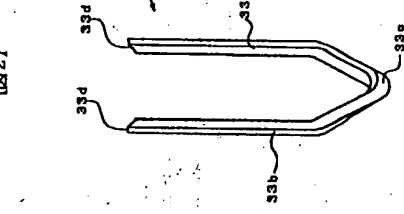


(7) の部分的な断面図である。  
〔図18〕オーバーラップ部を持つインシュレータの詳細を示す剖面図である。  
[符号の説明]  
1 車両用交流誘電機  
2 固定子  
3 回転子  
4 フレーム  
32 固定子側心

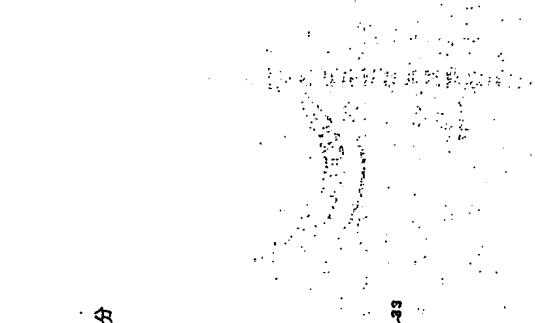
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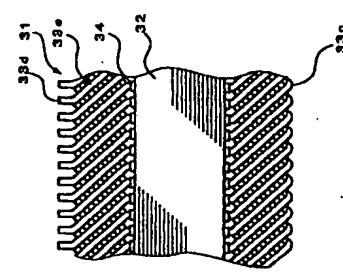
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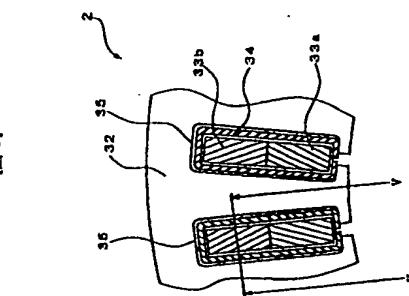
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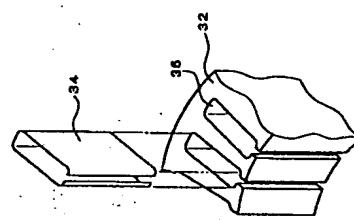
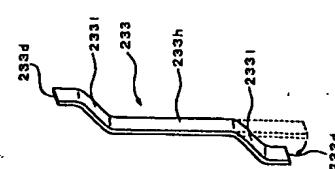
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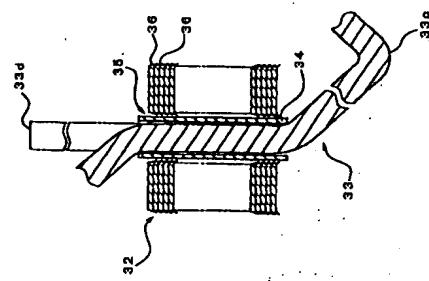
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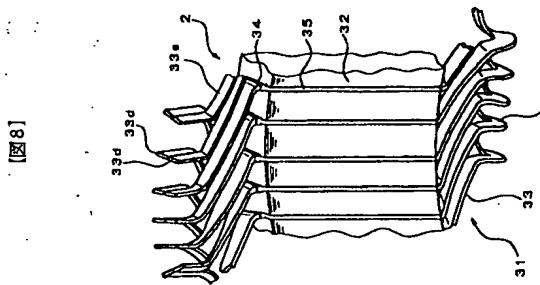
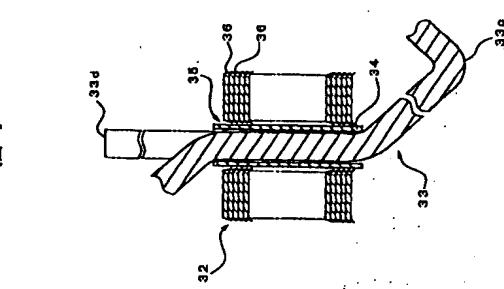
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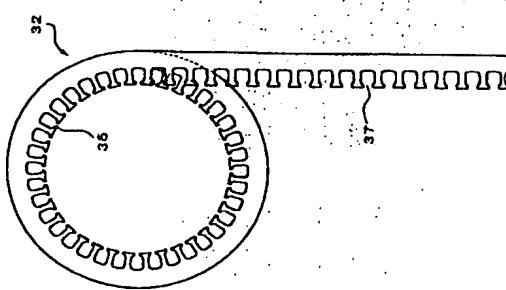
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[図5]

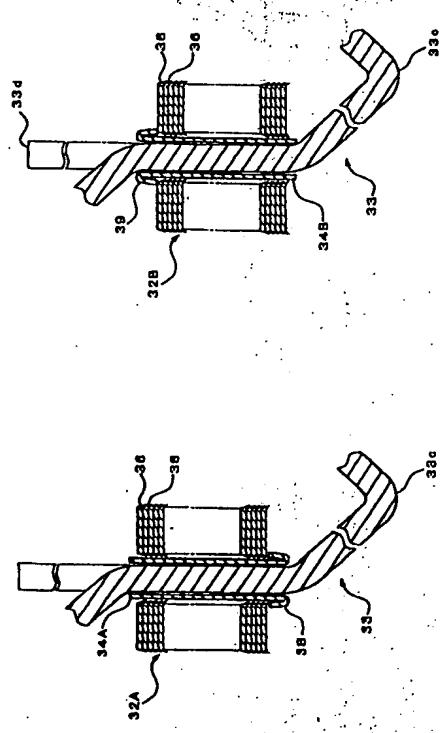


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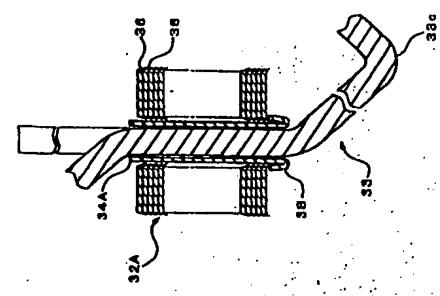


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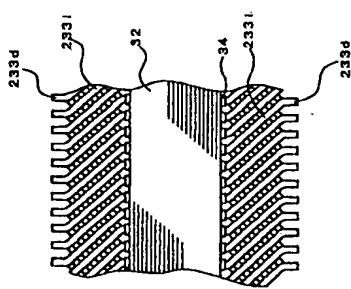
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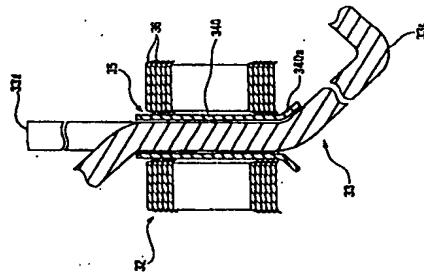
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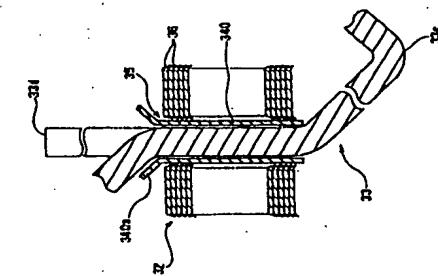
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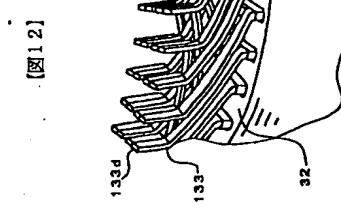
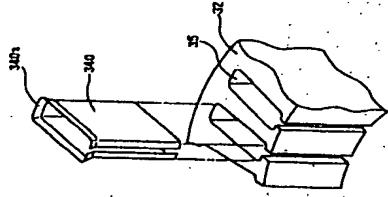
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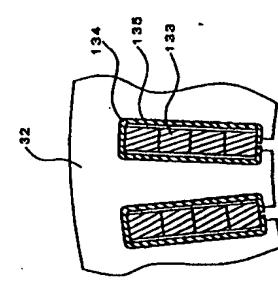
[図17]



[図15]

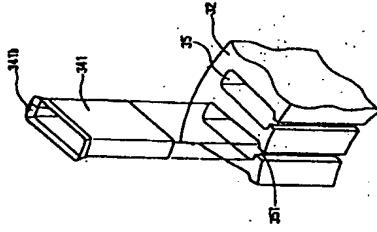


[図12]



[図11]

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